

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of the Claims:

1. (original) A method of preparing a therapeutic composition comprising a targeting moiety that specifically binds to a cell surface component that promotes active transport, endocytosis or transcytosis, and a therapeutic moiety, comprising: physically entrapping (i) a portion of said targeting moiety, or an anchor moiety that binds to said targeting moiety, and (ii) said therapeutic moiety, within a particle having physical dimensions compatible with cellular uptake, whereby said particle is adapted to specifically bind to said cell surface component.
2. (original) A method according to claim 1, wherein said cell surface component is present on epithelial cells.
3. (original) A method according to claim 2, wherein said epithelial cells are enterocytes.
4. (original) A method according to claim 1, wherein said cell surface component is present on endothelial cells.
5. (original) A method according to claim 1, wherein said targeting moiety and said therapeutic moiety are not bound to one another.
6. (original) A method according to claim 1, wherein said targeting moiety and said therapeutic moiety are covalently or noncovalently bound to one another.
7. (original) A method according to claim 1, wherein said targeting moiety is selected from the group consisting of a polypeptide, a recombinant polypeptide, an antibody, an antibody fragment, a single-chain variable region fragment, a small molecule, an oligonucleotide, an oligosaccharide, a polysaccharide, a cyclic polypeptide, a peptidomimetic, and an aptamer.
8. (original) A method according to claim 1, wherein said cell surface component is selected from the group consisting of pIgR, transferrin receptor, vitamin B12 receptor, FcRn, an integrin, Flt-1, Flk-1, Flt-4, and low density lipoprotein receptor.
9. (original) A method according to claim 1, wherein said therapeutic moiety is selected from the group consisting of a polypeptide, a recombinant polypeptide, an antibody, an antibody fragment, a single-chain variable region fragment, a small molecule, an oligonucleotide, an oligosaccharide, a polysaccharide, a cyclic polypeptide, a peptidomimetic, and an aptamer.

10. (original) A method according to claim 1, wherein upon said physical entrapment, said anchor moiety comprises a first region entrapped within said particle and a second region protruding from the surface of said particle for binding to said targeting moiety.

11. (original) A method according to claim 10, wherein said first region is selected from the group consisting of a polypeptide, a recombinant polypeptide, a nucleic acid, a poly (ethylene oxide), a peptidomimetic, a cyclic peptide, a oligosaccharide, a polysaccharide, and a dextran.

12. (original) A method according to claim 10, wherein said second region is selected from the group consisting of a polypeptide, an antibody, an antibody fragment, a single-chain variable region fragment, a small molecule, an oligonucleotide, an oligosaccharide, a polysaccharide, a cyclic polypeptide, a peptidomimetic, and an aptamer.

13. (original) A method according to claim 12, wherein said second region is a polypeptide sequence that forms a coiled-coil with a complementary polypeptide sequence on said targeting moiety.

14. (original) A method according to claim 1, wherein upon said physical entrapment, said targeting moiety comprises a first region entrapped within said particle and a second region protruding from the surface of said particle that specifically binds to said cell surface component.

15. (original) A method according to claim 14, wherein during said physical entrapment step, said particle comprises pores having physical dimensions capable of accepting said first region, but incapable of accepting said second region.

16. (original) A method according to claim 15, wherein said pores are produced by swelling said particle, and wherein said targeting moiety is entrapped by reducing said swelling.

17. (original) A method according to claim 1, wherein said therapeutic moiety is entrapped within said particle by polymerization of material forming said particle.

18. (original) A method according to claim 1, wherein said portion of said targeting moiety, or said anchor moiety, is entrapped within said particle by polymerization of material forming said particle.

19. (original) A method according to claim 1, wherein said portion of said targeting moiety, or said anchor moiety, and said therapeutic moiety are entrapped within said particle by polymerization of material forming said particle.

20. (original) A method according to claim 6, wherein upon said physical entrapment, said therapeutic moiety is entrapped within said particle and all or a portion of said targeting moiety is protruding from the surface of said particle.

21-60. (canceled)